

Amendments to the Abstract

Please rewrite the original Abstract as follows:

A selectively permeable membrane type reactor 20-including a catalyst 6-for promoting a chemical reaction, a selectively permeable membrane 8-which selectively allows a specific component to pass therethrough, and a carrier 22-for disposing the catalyst 6-and the selectively permeable membrane-8, the carrier 22-being a tubular body having two or more gas passages-(cells-26)passage cells partitioned and formed by a partition wall 24-formed of a porous body, the catalyst 6-being individually disposed in some of the cells 26-of the carrier-22, the selectively permeable membrane 8-being individually disposed in the remainder of the cells-26, and the cell (~~reaction cell 40, 42~~)-in which the catalyst 6-is disposed and the cell (~~recovery cell 38~~)-in which the selectively permeable membrane 8-is disposed being adjacently disposed with the partition wall positioned therebetween.